

REMARKS

The Restriction Requirement

Claims 1 to 104 as originally filed are pending. The instant application has been restricted to one of the following inventions under 35 U.S.C. §121:

- Group I: Claims 1 to 9, 40, 47, 49 to 51, 67 to 69, 74 to 90, 92 and 94 to 104, drawn to TRT proteins, variants and fragments of the proteins; TRT and telomerase RNA complexes; methods of preparing complexes of TRT and telomerase RNA; and pharmaceutical compositions containing TRTs.
- Group II: Claims 11 to 18, 36, 37, 40 to 43, 47, 52 to 65, 70 to 73, 91 and 93, drawn to polynucleotides encoding TRT, variants or fragments; hybridization assays for the detection of polynucleotides encoding TRT, variants or fragments; expression vectors; host cells; and pharmaceutical compositions.
- Group III: Claims 25 to 32, drawn to transgenic animals.
- Group IV: Claims 33 to 35, 40 to 43, 47, and 66, drawn to antibodies specific for TRTs, and detection assays using the antibodies; and pharmaceutical compositions containing the antibodies.
- Group V: Claims 38 and 39, drawn to screening assays for the detection of compounds which modulate TRT activity.
- Group VI: Claim 44, drawn to drawn to a method of increasing the proliferative capacity of vertebrate cells in vitro by increasing the expression of TRT.
- Group VII: Claim 45 and 46, drawn to drawn to the use of an unspecified agent which increases expression or activity of telomerase in the manufacture of a medicament.
- Group VIII: Claim 48, drawn to drawn to the use of an unspecified agent which inhibits expression or activity of telomerase in the manufacture of a medicament.

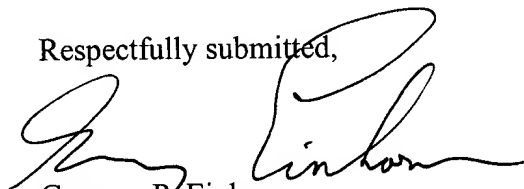
The Election

In response to the Restriction Requirement, Applicants elect Group II, Claims 11 to 18, 36, 37, 40 to 43, 47, 52 to 65, 70 to 73, 91 and 93.

Cech et al.
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If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (415) 576-0200; or Ted Apple, Registration No. 36,429, at (650) 324-6370.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Gregory P. Einhorn', written over a horizontal line.

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